

Vermont Mental Health Performance Indicator Project

DDMHS, Weeks Building, 103 South Main Street, Waterbury, VT 05671-1601 (802-241-2638)

MEMORANDUM

TO: Vermont Mental Health Performance Indicator Project
Advisory Group and Interested Parties

FROM: John Pandiani
Janet Bramley

DATE: January 21, 2000

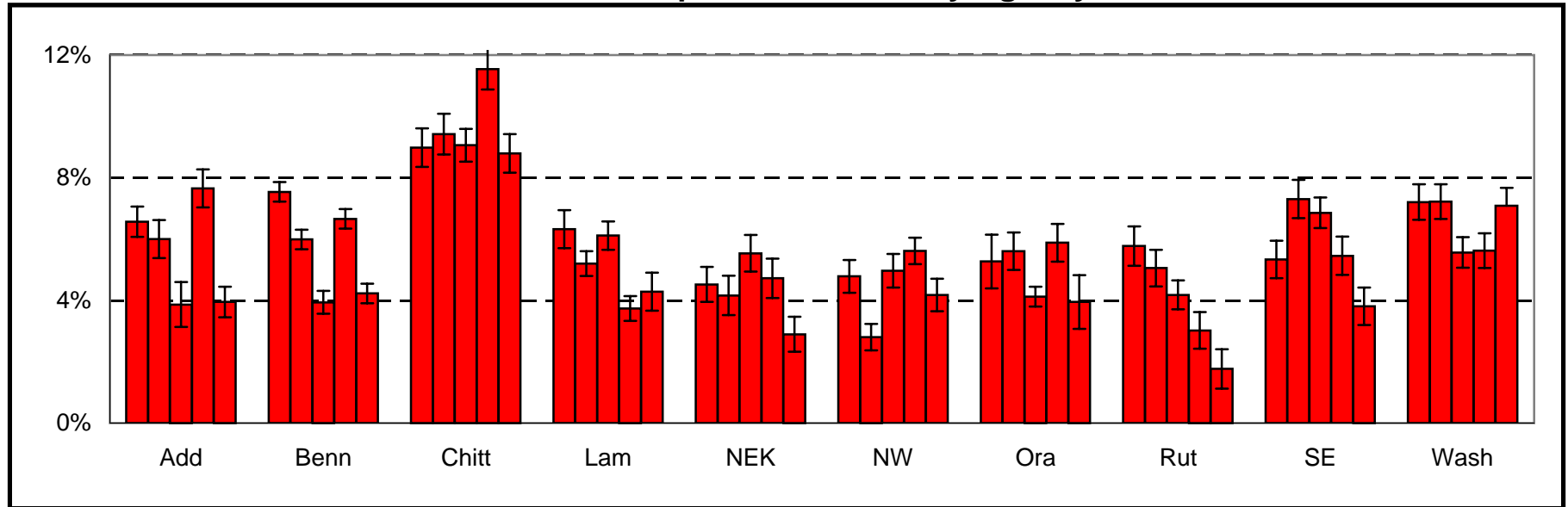
RE: Utilization of VSH by Clients of Different CRT Programs

The attached tables are the third in a series of weekly reports that focus on differences in the rates at which CRT clients received inpatient services at the Vermont State Hospital. The first two reports addressed differences in hospital utilization rates for men and women and for people in different age groups. This week, the analysis focuses on difference in the rate at which CRT clients from different community programs are hospitalized during the year in which they received community services. Within our framework for interpreting measures of program performance (access, practice patterns, and outcomes), we would interpret all three of these reports to be providing information on the practice patterns of both community and hospital programs.

As you will see, the state hospitalization rate for most CRT programs for most years was in the 4-8% range. There are two notable exceptions. First, the hospitalization rate for CRT clients in Chittenden County exceeds 8% for all five years. No other program had a hospitalization rate of greater than 8% for any year. Second, the CRT program in Rutland County consistently decreased VSH utilization during this period, and its utilization rate was less than 4% for both 1998 and 1999. Only two other programs had an annual hospitalization rate of less than 4% during the period under examination. The state hospitalization rate for CRT clients in the Northwest region was less than 4% for 1996, and the state hospitalization rates for CRT clients in the northeast was less than 4% for 1999.

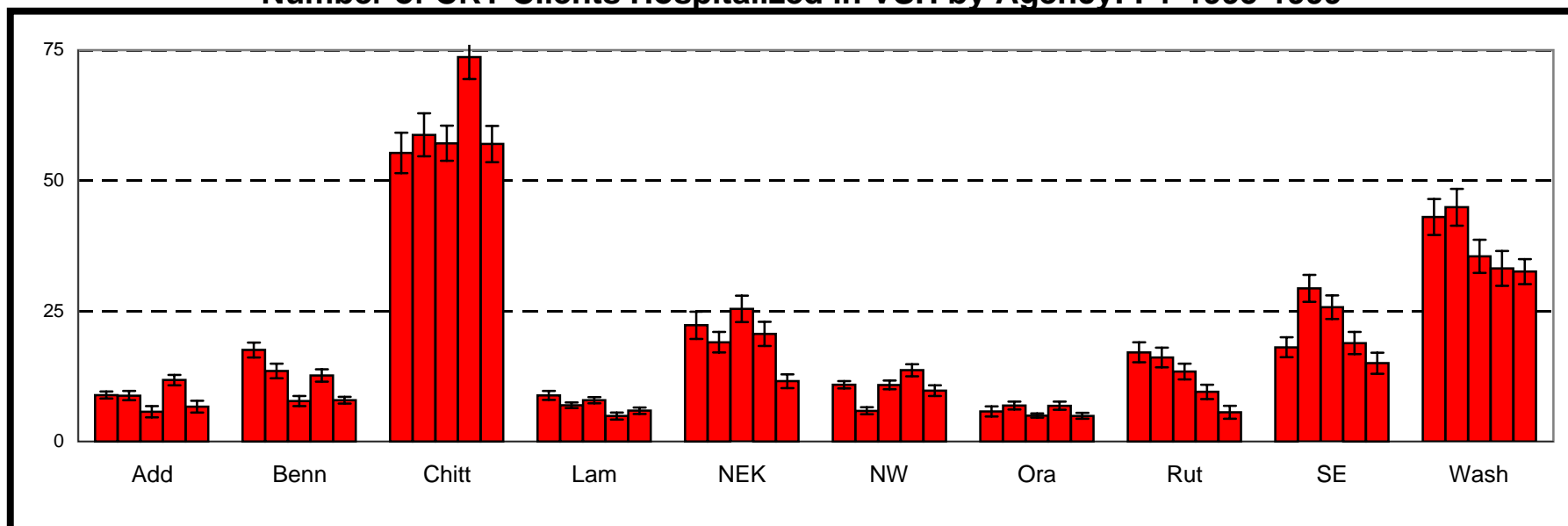
We will be very interested in your comments and suggestions for further analysis regarding rates of state hospitalization in Vermont during 1995-1999. Please give us a call at 802-241-2638 or send e-mail to jpandiani@ddmhs.state.vt.us.

Percent of CRT Clients Hospitalized in VSH by Agency: FY 1995-1999



Agency	CRT Clients											
	1995			1996			1997			1998		
	Total	VSH	(95% CI)	Total	VSH	(95% CI)	Total	VSH	(95% CI)	Total	VSH	(95% CI)
Addison	136	6.6%	(6.1-7.1%)	147	6.0%	(5.4-6.6%)	148	3.9%	(3.1-4.6%)	154	7.7%	(7-8.3%)
Bennington	233	7.5%	(6.9-8.1%)	225	6.0%	(5.4-6.6%)	197	3.9%	(3.4-4.4%)	190	6.7%	(6-7.3%)
Chittenden	616	9.0%	(8.4-9.6%)	623	9.4%	(8.8-10.1%)	631	9.1%	(8.5-9.6%)	638	11.5%	(10.9-12.2%)
Lamoille	140	6.3%	(5.7-6.9%)	134	5.2%	(4.8-5.6%)	130	6.1%	(5.7-6.6%)	131	3.7%	(3.2-4.3%)
NEK	493	4.5%	(4-5.1%)	457	4.2%	(3.7-4.6%)	459	5.5%	(5-6.1%)	437	4.7%	(4.2-5.3%)
NW	227	4.8%	(4.5-5.1%)	210	2.8%	(2.5-3.1%)	218	5.0%	(4.6-5.3%)	243	5.6%	(5.1-6.1%)
Orange	109	5.3%	(4.4-6.1%)	123	5.6%	(5-6.2%)	121	4.1%	(3.8-4.4%)	117	5.9%	(5.2-6.6%)
Rutland	296	5.8%	(5.1-6.4%)	318	5.1%	(4.5-5.7%)	321	4.2%	(3.7-4.6%)	315	3.0%	(2.6-3.5%)
SE	339	5.3%	(4.8-5.9%)	402	7.3%	(6.7-7.9%)	375	6.9%	(6.3-7.5%)	346	5.5%	(4.8-6.1%)
Washington	597	7.2%	(6.6-7.8%)	621	7.2%	(6.7-7.8%)	638	5.6%	(5.1-6.1%)	590	5.6%	(5.1-6.2%)
State Average		6.2%			5.9%			5.4%			6.0%	

Number of CRT Clients Hospitalized in VSH by Agency: FY 1995-1999



Agency	CRT Clients									
	1995		1996		1997		1998		1999	
	Total (95% CI)	VSH (95% CI)	Total (95% CI)	VSH (95% CI)	Total (95% CI)	VSH (95% CI)	Total (95% CI)	VSH (95% CI)	Total (95% CI)	VSH (95% CI)
Addison	136 (134-137)	9 (8-10)	147 (145-148)	9 (8-10)	148 (146-149)	6 (5-7)	154 (152-155)	12 (11-13)	169 (167-171)	7 (6-8)
Bennington	233 (230-235)	18 (16-19)	225 (223-228)	14 (12-15)	197 (195-199)	8 (7-9)	190 (188-192)	13 (11-14)	187 (185-189)	8 (7-9)
Chittenden	616 (610-621)	55 (51-59)	623 (618-629)	59 (55-63)	631 (625-636)	57 (54-61)	638 (632-644)	74 (69-78)	648 (643-654)	57 (54-60)
Lamoille	140 (138-141)	9 (8-10)	134 (132-135)	7 (6-7)	130 (128-131)	8 (7-9)	131 (129-132)	5 (4-6)	138 (136-139)	6 (5-7)
NEK	493 (488-497)	22 (20-25)	457 (453-461)	19 (17-21)	459 (455-463)	25 (23-28)	437 (433-441)	21 (18-23)	399 (396-403)	12 (10-13)
NW	227 (225-229)	11 (10-12)	210 (208-212)	6 (5-7)	218 (216-220)	11 (10-12)	243 (241-246)	14 (13-15)	233 (231-236)	10 (9-11)
Orange	109 (108-111)	6 (5-7)	123 (121-124)	7 (6-8)	121 (119-122)	5 (5-5)	117 (115-118)	7 (6-8)	125 (123-126)	5 (4-5)
Rutland	296 (293-299)	17 (15-19)	318 (315-321)	16 (14-18)	321 (318-324)	13 (12-15)	315 (312-318)	10 (8-11)	317 (314-320)	6 (4-7)
SE	339 (335-342)	18 (16-20)	402 (398-405)	29 (27-32)	375 (372-379)	26 (23-28)	346 (343-349)	19 (17-21)	394 (390-397)	15 (13-17)
Washington	597 (592-602)	43 (40-46)	621 (616-627)	45 (41-48)	638 (633-643)	35 (32-39)	590 (585-595)	33 (30-37)	459 (455-463)	33 (30-35)
State Average	318	21	326	21	324	19	316	21	307	16